

CLAIMS

1. A resin composition characterized by comprising a resin and an organically modified layered silicate in which a substituted silyl group having a substituted or non-substituted alkyl group bonds to a layered silicate.
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2. The resin composition as claimed in claim 1, characterized in that the substituted silyl group has a substituent selected from the group consisting of an amino group, an epoxyethyl group, an epoxyethoxy group, a vinyl group, an isopropenyl group, a 1-phenylvinyl group, a 4-vinylphenyl group, an isocyanate group, and a hydroxyl group.
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3. The resin composition as claimed in claim 1, characterized in that the substituted or non-substituted alkyl group is a substituted alkyl group, wherein the substituted alkyl group has a substituent selected from the group consisting of an amino group, an epoxyethyl group, an epoxyethoxy group, a vinyl group, an isopropenyl group, a 1-phenylvinyl group, a 4-vinylphenyl group, an isocyanate group, and a hydroxyl group, which substituent bonds to a terminal of the alkyl group.
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4. The resin composition as claimed in claim 1, characterized in that the number of carbon atoms contained in the alkyl group is 3 or greater and 18 or less.
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5. The resin composition as claimed in claim 1, characterized in that the substituted or non-substituted alkyl group is a substituted first alkyl group, wherein

the substituted first alkyl group has an atomic group selected from the group consisting of an amide linkage, an ester linkage, an N-oxymethyleneamino group, and an N,N'-di(oxymethylene)amino group, which atomic group bonds to a 5 terminal of the first alkyl group, and the atomic group has a substituted or non-substituted second alkyl group.

6. The resin composition as claimed in claim 5, characterized in that the substituted or non-substituted 10 second alkyl group is a substituted second alkyl group, wherein the substituted second alkyl group has a substituent selected from the group consisting of an amino group, an epoxyethyl group, an epoxyethoxy group, a vinyl group, an isopropenyl group, a 1-phenylvinyl group, 15 a 4-vinylphenyl group, an isocyanate group, and a hydroxyl group, which substituent bonds to a terminal of the second alkyl group.

7. The resin composition as claimed in claim 5, 20 characterized in that the total of the number of carbon atoms contained in the first alkyl group and the number of carbon atoms contained in the second alkyl group is 3 or greater and 18 or less.

25 8. The resin composition as claimed in claim 1, characterized in that the resin is a biodegradable resin.

9. The resin composition as claimed in claim 1, 30 characterized in that the biodegradable resin is poly(lactic acid).

10. A resin molded object characterized by being molded using the resin composition as claimed in

claim 1.